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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/092,347	03/04/2002	Alexander Medvinsky	018926-007500US	7720

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EXAMINER
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LEMMMA, SAMSON B

ART UNIT	PAPER NUMBER
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2132

DATE MAILED: 07/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/092,347

Applicant(s)

MEDVINSKY ET AL.

Examiner

Samson B. Lemma

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 March 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## ***DETAILED ACTION***

1. **Claims 1-23** have been examined.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-13** are rejected under 35 U.S.C. 102(e) as being anticipated by **Peterka**. (hereinafter referred as **Peterka**) ( U.S. Publication number: 2002/0172368A1), **which Claims Priority from Provisional Application No 60,243,925 filed on October 26, 2000 )**

4. **As per claim 1 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers, the architecture comprising:

A content provider;[Figure 19, “1904”]

A consumer system for requesting content from the content provider[figure 19, 1908; Paragraph 0141, lines 8-9] (**the client request the program content form the origin content server**) ;

The content provider [Figure 19, “1904”] generating a session rights object [“Content Rules”] for accessing the content [Paragraph “0139”] (**The rules/session right object is**

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**generated/distributed to the caching server from the content provider/origin server);**

A KDC (key distribution center) [Figure 19, "1920"] for providing authorization data [Paragraph 0136, "ticket", line 2] to the consumer system, the authorization data for accessing the content[Paragraph 0136, lines 1-4](**A client registers with authorization center/Key distribution center, 1920 and get authorization data/ticket from KDC, for accessing the content**) ;

A caching server for comparing information in the session rights object with the authorization data [Paragraph 0139, lines 2-6]; and

The caching server forwarding the requested content to the consumer system if the information matches the authorization data [Paragraph 0142, the last 5 lines and figure 21, reference 2160, paragraph 0066].

5. **As per claims 2-3 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the consumer system is redirected to the caching server to receive the requested content [figure 19, Paragraph 0142, the last 5 lines and figure 21, reference 2160].

6. **As per claim 4 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the caching server employs real time streaming for securely forwarding the encrypted content.[paragraph 0043]

7. **As per claim 5 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the requested content is encrypted for forwarding to the consumer system.[paragraph 0066]

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8. **As per claim 6 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the caching server and the consumer system exchange control messages for supporting transfer of the requested content. [Paragraph 0142, the last 5 lines and figure 21, reference 2160].

9. **As per claims 7-8 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the control messages are encrypted and authenticated.[Paragraph 0146, last 2 lines; paragraph 0066]

10. **As per claim 9 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka discloses the architecture wherein the KDC distributes cryptographic keys, the KDC employing a blend of symmetric and public algorithms for distributing the cryptographic keys. [Paragraph 0095 and paragraph 0094-0104]

11. **As per claims 10-13 Peterka** discloses a rights management architecture for securely delivering content to authorized consumers as applied to claims above. Furthermore Peterka further comprising a key management protocol for establishing keys between the caching server and the consumer system. [paragraph 0066]

### ***Claim Rejections - 35 USC § 102***

12. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

13. **Claims 14 -23** are rejected under 35 U.S.C. 102(b) as being anticipated by **Ravi Ganesan** (hereinafter referred to as **Ganesan**) (Title: Augmenting Keberos with Public Key Cryptography, IEEE, published 1995 and provided with the IDS)

14. **As per claims Claims 14 -19** **Ganesan** discloses

A rights management method for securely delivering content upon request from a caching server, the method comprising:

providing a content provider [figure 1, "Ticket Granting Server and server"]

communicably coupled to the a caching server [figure 1, client];

providing a key management protocol comprising the steps of,

forwarding a ticket challenge message from the caching server to the content provider the challenge message for initiating key management [figure 1, message 3];

responsive thereof, sending a key request message from the content provider to the caching server[figure 1, message 4];

responsive thereof, sending a key reply message from the caching server to the content provider[figure 1, message 5];

responsive thereof, sending a security established message from the content provider to the caching server [figure 1, message 6]; and

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Establishing a set of keys for securely delivering content from the content provider to the caching server [If mutual authentication is required, the server, in message 6, sends back message encrypted with the session key this meets the recitation of the content provider and the caching server/client establishing a set of keys for securely delivering content].

15. **As per claims 20-23** Ganesan discloses an authentication system allowing an authorized user to stream content from a caching server within a computing network, the system comprising:

A content provider/receiver [figure 1, client] for providing the content to the caching server (figure 1, server) for access by the user;

A key distribution center [Figure 1, "Ticket Granting Server"] receiving from the content provider, a first request to access the caching server[figure 1, message 3], and if authenticated the content provider delivers the content to the caching server [figure 1, message 5]; and the key distribution center (figure 1, Ticket Granting server) receiving from the user [figure 1, client], a second request to access the caching server [figure 1, message 3], and if authenticated [figure 1, message 5] the user is allowed to stream the content from the caching server [figure 1, the user will finally access the content from the server).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**SAMSON LEMMA**

S.L.  
**07/19/2005**

  
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